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E-MailId :[surejkensa@gmail.com](mailto:surejkensa@gmail.com)SubjectsTaught :Taxonomy, Horticulture and  
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Experience :16yrsand 3 Months

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Research Publications in Journals- : 125

S.No	Title of Research Papers/ Articles	Journal Name with ISSN, Impact Factor	Month & Year	Vol. /Issue
1.	Seasonal abundance and diversity of microalgae in Colachel Estuary	Journal of Theoretical and Experimental Biology. 2231- 1971.	2009	Vol. 1(5) Pp-74-79.
2.	Managing Mangrove Resilience to Climate Change	Journal of Eco. Environment and Conservation. 2231-1974	2011	17 419-424 (2)
3.	Ethnobotanical Study on PottalVillai K.K. District, Tamilnadu	Journal of Eco. Environment and Conservation. 2231-1974	2011	17(2) pp. 331-334
4.	Impacts of Climate Change on Agriculture	Journal of Eco. Environment and Conservation.	2011	Vol. pp.391-396 17(2).

		2231-1974		
5.	Larvicidal Effects on Selected Plants on <i>Anopheles</i> Mosquitoes	Journal of Eco. and Environment Conservation. 2231-1974	2011	Vol.17(2) pp.375-380
6.	Studies on phytochemical screening and antimicrobial activity on <i>Lantana camera</i>	Life Science Feed Journal, Pune. 2231-1971.	2011	Vol. 1(5) Pp-74-79.
7.	Studies on phytochemical profile and antimicrobial activity on <i>Aystasiagangetica</i>	Journal of Eco. and Environment Conservation. 0971-765X.	2011	Vol. pp-267-272 18(2)-
8.	Interrelationship between two ponds of kulasekaram area.	Life Science Feed Journal. 2231-1971.	2011	Vol. 1(8) Pp-147-154.
9.	Bio-Remediation –an overview.	International Journal of Industrial Pollution. 0971-765X	2011	Vol. 27(2) pp161-168
10.	Post tsunamic changes observed in colachel estuary.	Scientific Transaction and Environmental Technovation. 0973-9157	2011	Vol. 5(1) pp 56-58
11.	Evaluation of Free Radical scavenging activities of <i>Hydrillaverticillata</i> collected from polluted and unpolluted water	Bulletin of Basic and Applied Plant Biology. 2249 -8370	2011	Vol. pp.33-39 1(1)
12.	Influence of Environment on the Phytochemistry of <i>Hydrillaverticillata</i>	Theoretical and Experimental Biology. 0972 - 9720	2012	Vol. 8 (1 & 2) pp. 11-15
13.	Phytochemical screening and antimicrobial activity on <i>Ricinuscommunis</i> L.	Journal of Eco. and Environment Conservation. 2231-1971	2012	Vol. 18 (2) pp 131-137.
14.	Climate Change and its Impact on Aquatic Ecosystem	Journal of Industrial, Pollution Control. 0970- 2083	2012	Vol. pp. 63-66 28(1)
15.	Accumulation of Heavy Metals in Sediment of Colachel Estuary	Journal of Industrial Pollution Control. 0970- 2083	2012	Vol. pp 83-86. 28(1)
16.	Biodiversity and Energy	Journal of Industrial Pollution Control. 0970- 2083	2012	Vol. 28 (1) pp. 95-98
17.	Analysis of Antioxidants in <i>Ruelliatuberosa</i> L. collected from polluted and unpolluted areas	Plant Archives. 0972- 5210	2012	Vol. 12(1) pp. 125-128
18	Comparison of free radicals scavenging activities in the extract of <i>Ruelliatuberosa</i> L. collected from polluted from unpolluted areas	Plant Archives. 0972-5210	2012	Vol. 6(2) pp. 119-123
19	Floristic diversity in a proximity area of colachel estuary	Rac journal of research. 2230-7362	2012	Vol.1(4) pp.123-129

20.	Role of biodiversity in food security	Asian journal of microbiological biotechnology & environmental science. 0972-3005	2012	Vol.14(4) pp. 623-627
21.	Floristic Survey in Vembanoor Wetland	Plant Life Science Feed. 2231-1971	2012	Vol. 1(11), pp.194-99
22.	Water Quality Assessment of Parameter in Open Wells in Chethur Area, Kanyakumari District	Plant Life Science Feed. 2231-1971	2012	Vol. 2 (10) pp.147-153
23.	Biodiversity and Health	Asian Jr. of Microbial. Biotech. Env. Sci. 7711-1989	2012	Vol. 14 (4), pp.527-528
24.	Effects of vim liquid wash on <i>Vigna radiate</i>	Exploring technique in biological science. 978-93-5104-770-4.	2012	<b>pp-135-141 (Proceedings)</b>
25.	Women's Health – Obesity	Mittal Publication (Book). (ISBN-81-8324-420-3)	2012	pp.127-135
26.	Floristic Study of Kattay Area, Kanyakumari District	Asian Jr. of Microbial. Biotech. Env. Sci. 7711- 1989	2013	Vol. 15 (1) pp.179-183
27.	Weed Diversity in Thirumoola Nagar, Kanyakumari District	Asian Jr. of Microbial. Biotech. Env. Sci. 0972-3005	2013	Vol. 15(1), pp.165-168
28.	Effect of vermicompost on <i>Vigna radiate</i>	Envi. and sustainable devt. (ISBN-978-93-5104-770-4)	2013	PP.233-252 (proceedings)
29.	Weed and its Ethnobotanical aspects of Thirumoola Nagar	Asian Jr. of Microbial. Biotech. Env. Sci. 0972- 3005	2013	Vol. 15(1) pp.149-157
30.	Planktonic Diversity of Selected Ponds of Puthalam	Pollution Research. 0257-8050	2013	Vol. 32 (1) pp.105-114
31.	Studies on the physicochemical characteristics of water sample of Putheri	Pollution Research. 0257-8050	2013	Vol. 32 (1) pp.85-88
32.	Survey of climbers in Achankulam	Kongunadu research journal. 0257-8050	2013	Vol. 88-93 2(1)
33.	Ganesh Idol Immersion and its impact on plankton diversity – Chothavilai Beach	Pollution Research. 0257- 8050. <b>(SCOPUS - H Index - 18 NAAS Rating - 4.75)</b>	2013	Vol. 32(1) pp. 145-149
34.	Seasonal Variations in Phytoplankton in response to physico-chemical characteristics of coastal water of Thoothur	Crossian journal. <b>0255-2002</b>	2014	Vol. 11(4) pp. 111-118
35.	A survey of macrophytes and its biological spectrum in Kurandikulam	Asian Jr of Micro.biotech. Env.sci. 0972-3005. <b>(SCOPUS - H Index - 11 NAAS Rating - 3.07)</b>	2014	Vol-16(3) 763-765

36	A Survey of useful macrophytes in Kurandikulam	Asian Jr of Micro.biotech.Env.sci 0972-3005. <b>(SCOPUS - H Index - 11 NAAS Rating - 3.07)</b>	2014	Vol-16(3) 711-716
37	Evaluation of haematological properties in <i>Hydrilla verticillata</i>	Int.Jou.curr.mic.applied sci. 2319-7706	2014	Vol 3(12) 409-416
38	Exploration of ornamental floras in the campus of bishop's house, Nagercoil.	Jou.curr.mic.applied. sci. 2319-7706	2014.	Vol 3(10) 441-448
39	Floristic, Phenology and life form spectrum analysis in Vilathivilai	Unique Journal of Medical and Dental Sciences. 2347-5579 <b>IF:4.56</b>	2014	Vol. 2(3) 33-39
40	Evaluation of wound healing in <i>Hydrilla verticillata</i>	International Journal of Current Microbiology and Applied Sciences. 2319-7706	2014	Vol 3(12) 417-423
41	Floristic survey of Ganapathypuram	Universal journal of pharmacy. 2320-303X.	2014	Vol 3(6) 6-14
42	Floristic survey in Rajavoor area	Asian Jr of Micro.biotech. 0972-3005.	2014	Vol. 16(3) 685-691
43	Global warming and its impact on colachel estuary	Kongunadu research journal. 2349-2694	2015	Vol. 2(2) 92-95
44	Evaluation of anti-inflammatory in <i>Ruellia tuberosa</i>	Asian Jr of Micro.biotech. 0972-3005	2015	Vol 17(1) 193-197
45	Comparision of vermicompost, leaf mold on <i>Capsicum annum var. frutescence</i>	Kongu nadu research journal. 2349-2694	2015.	Vol. 2(2) 100-104
46	Bio Molecules analyses of <i>Hydrilla verticillata</i> from polluted and unpolluted areas.	Unique Journal of Pharmacy. 2320-3036	2015	Vol. 4(6)6- 9
47	Effects of Water pollution on <i>Hydrilla verticillata</i>	Unique Journal of Pharmaceutical and biological sci. 2320-3036	2015	Vol. 3(6) 1-5
48	Preliminary phytochemical analysis of <i>Hydrilla verticillata</i> collected from polluted and unpolluted sources	Journal of Informative and Futuristic research. 2347-1697	2015	Vol. 3(3) 1125-1128
49	Pharmacognostic studies on <i>Millingtonia hortensis</i>	Kongunadu research journal. 2349-2694	2015	Vol. 3(2) 52-58
50	Study of climbers in Kottaram.	Kongu research journal. 2349-2694.	2015	Vol. 2(1) 88-93
51	GC-MS determination of bioactive constituents of <i>Hydrilla verticillata</i> (collected	Asian Journal of Biology. 2456-7124 <b>IF:6.39</b>	2016	<b>Vol.1(1): 1-6</b>

	from unpolluted and polluted water sources.			
52	Exploration of Ornamental Floras of S.T. Hindu College Nagercoil.	Kongunadu research journal. 2349-2694	2016	Vol. 59-64 3(1)
53	Diversity of aquatic macrophytes of Muthiraikulam.	International journal of applied science and agriculture. 2394-823X <b>IF: 4.446.</b>	2016	Vol.2 (12):173-180.
54	Effect of soil pollution on pharmacognostic properties of <i>Ruelliatuberosa</i> L	International journal of applied science and agriculture. 2394-823X. <b>IF: 3.76</b>	2016	Vol.2 (12):114-120.
55	Diversity of the family Convolvulaceae in Tripura district	Journal of innovative agriculture. 2394-5389.	2016	Vol.3(3)6-9.
56	Studies on floristic Diversity and Their Seasonal Appearance on the ancient Walls of Kanyakumari District.	Int.jr.of Botany studies. 2455-541X <b>IF:5.2</b>	2017	Vol:2(6) 216-220
57	Floral diversity of family Euphorbiaceae in Mulagumoodu.	Indian Jr. of applied research.2249-555X. <b>IF:6.03</b>	2017.	7(7)415-416.
58	Diversity of cyanobacteria in chunkankadai paddy wetlands,	Asian Research Journal of Agriculture. <b>2456-561X'</b> <b>IF:6.391</b>	2017	Vol. 3(1): 1-6.
59	Survey of trees and shrubs in Marungoor, Kanyakumari district.	Kongu research journal. 2349-2694	<b>2017.</b>	Vol. 4(3)39-44.
60	Diversity of the family Acanthaceae in Tripura district	ROOTS journal. 2349-8684.	<b>2017</b>	4(1):39-44
61	Phytoplankton diversity of Suchindram pond of Kanyakumari district, Tamilnadu, South India.	International journal of academic research and development. 2455-4197. <b>IF:5.2</b>	<b>2017</b>	2(6):1135-1140
62	Diversity of ornamental climbers in Kattathurai Panchayath, Kanyakumari district, Tamil Nadu, India	International Journal of Biology Research. 2455-6548 . <b>IF:5.2</b>	2018	1(5):23-31.
63	Climate change and its impact on Biodiversity	KonguResearch Journal. 2349-2694.	2018	5(1):36-41
64	Morpho anatomical studies on <i>Vitexnegundo</i> L.	Int.jr.of Botany studies. 2455-541X <b>IF:5.2</b>	2018	3(2) 01-07
65	Road side flora of pazhavor, Tirunelveli district, Tamil nadu, south india	GSC Biological and Pharmaceutical Sciences. 2581-3250. <b>IF:6.25</b>	2018	04(01): 053-063

66	Herbaceous species diversity in VeeraniAloor, Kanyakumari district, Tamilnadu.	GSC Biological and Pharmaceutical Sciences. 2581-3250. <b>IF:6.25</b>	2018	04(03): 068-073
67	Diversity of grass flora of Mulagumoodu area, Kattathurai Panchayath.	International Journal of Research and Analytical Reviews. 2348-1269. <b>IF:5.75</b>	2019	6(1):106-112
68	Global warming and agriculture in India	International Journal of Research and Analytical Reviews. 2348-1269 <b>IF:5.75</b>	2019	6(1):140-146
69	Assessment of heavy metal contents of green leafy vegetables in home garden of Mulagumoodu.	Journal of Applied Science and Computations. 1076-5131. <b>IF:5.8</b>	<b>2019</b>	6 (4): 2090-2099
70	Environmental degradation and health issues.	<i>Kong. Res. J.</i> 2349-2694	<b>2019</b>	6(1): 55-59.
71	Diversity status of plant growth promoting rhizobacteria (PGPR) in rhizosphere of selected medicinal plants in kanyakumari district, Tamil nadu	Pramana Research Journal. 2249-2976 <b>IF:6.2</b>	2019	9(6):1844-1856
72	Survey of wild edible plants of Dhanakarkulampanchayath, Tirunelveli district.	<i>Kong. Res. J.</i> 2349-2694	2019	6(1): 55-59.
73	Phytochemical studies Phobewightii	Adalya journal. 1301-2746 <b>IF:5.3</b>	2019	8(9):203-210.
74	Phytochemical studies on <i>Litsea floribunda</i> (blume)gamble.	Adalya journal. 1301-2746 <b>IF:5.3</b>	2019	8(9):196-202.
75	Pharmacognostical studies on <i>Litsea floribunda</i> (blume) gamble.	Journal of Applied Science and Computations. 2249-2976. <b>IF:5.8</b>	2019	6(6): 2110-2118.
76	GC-MS determination of bioactive constituents of <i>Phoebe wightii</i> Meisn. (Stem).	Cikitusijr for multidisciplinary research. 0975-6876. <b>IF:6.1</b>	2019	6(9): 34-39
77	GC-MS analysis of ethanolic extract of <i>Phoebe wightii</i> Meisn. (leaf).	Pramana Research Journal. 2249-2976. <b>IF:6.2</b>	2019	9(12):169-176.
78	Gc-Ms analysis of bioactive compounds in <i>Phoebe wightii</i> Meisn. (Inflorescence).	Journal of information and Computational Science. 1548-7741. <b>IF:6.2</b>	2019	9(12): 1578-1585.

79	Distribution status of AM Fungi from rhizosphere of selected medicinal plants in kanyakumari district, Tamil nadu.	Cikitusijr for multidisciplinary research. 0975-6876 <b>IF:6.1</b>	2019	6(8): 32-41.
80	Bark anatomy of <i>Vitex negundo</i> L.	Adalya journal. 1301-2746 <b>IF:5.3</b>	2019	8(9): 216-232.
81	Preliminary phytochemical screening and ftir analysis on <i>Rivina humilisl.</i> (mixture).	ADALYA JOURNAL 1301-2746 <b>IF:5.3</b>	2019	8(9) 208-215.
82	Fourier transform infrared spectroscopy (FT-IR) analysis of ethanolic extract of <i>Rivina humilisl.</i> root, stem leaf.	Journal of Applied Science and Computations. 1076-5131 <b>IF:5.8</b>	2019	6(5):1225-1233
83	GC-MS determination of bioactive constituents of <i>Rivina humilisl.</i> L. leaf	International Journal of Research and Analytical Reviews. (2348-1269) <b>IF:5.75</b>	2019	6(1):113-121.
84	GC-MS analysis of ethanolic extract of <i>Rivina humilisl.</i> (Stem).	Cikitusijr for multidisciplinary research. 0975-6876. <b>IF:6.1</b>	2019	6(9):21-29
	.GC MS analysis on <i>Acorus calamus.</i>	Cikitusijr for multidisciplinary research.	2020	7(1):6-15.
85	GC-MS analyses on ethanolic flower extract of <i>Litsea floribunda</i> (blume) gamble.	Cikitusijr for multidisciplinary research. 0975-6876	2020	7 (1):22-30
86	GC-MS analysis of the whole plant ethanolic extract of the <i>Rivina humilisl.</i> L.	Journal of Information and Computational Science. 2249-2976.	2020	10(1):553-559
87	FTIR analysis of the whole plant ethanolic extract of the <i>Rivina humilisl.</i> L.	Our Heritage Journal. 0474-9030	2020	68(30) 5133-5138.
88	Screening of osmotolerant micro organisms in the dried salted fish sold in kanyakumari district.	Kong. Res. J. 349-2694	2020	7(1): 39-49
89	Diversity of wall flora in north Soorankudy, Agastheeswaram Thaluk, Kanyakumari District, Tamil nadu.	Journal of Xidian University. 1001-2400 <b>IF:5.4</b>	2020	14 (9):167-181.
90	Survey of Members of Family Asteraceae Kattathurai Panchayath, Kalkulam Taluk, Kanyakumari District.	Infokara Research. 1021-9056 <b>IF:5.3</b>	2020	9 (9):10-17.
91	Survey of climbers in the Theroor Panchayath, Kanyakumari District.	Aegaeum Journal. 0776-3808. <b>IF:6.1</b>	2020	8 (9):61-74.

92	Effects of temple floral waste, chemical fertilizer, temple floral waste+vermicompost on the growth and yield on chilli ( <i>Capsicum annum</i> L).	Journal of Shanghai Jiaotong University. 1007-1172. <b>IF:6.2</b>	2020	16 (9):87-99.
93	Riparian flora of MylaudyPanchayath, Kanyakumari District, Tamil nadu, India.	Aegaeum Journal. 0776-3808. <b>IF:6.1</b>	2020	8 (11):123-145.
94	Analgesic and Anti-inflammatory activity on <i>Rivinahumilis</i> L.	Aegaeum Journal. 0776-3808. <b>IF:6.1</b>	2020	8 (11):108-122.
95	GC-MS analysis of ethanolic extract of <i>Rivinahumilis</i> L. (ROOT).	GIS Science journal. 1869-9391 <b>IF:6.1</b>	2020	7 (11):545-552.
96	Haematological and biochemical changes after exposure to <i>Phoebe wightii</i> methanol extract in rats.	Journal of Shanghai Jiaotong University. 1007-1172. <b>IF:6.2</b>	2020	16 (11):264-271.
97	Morpho-Anatomical studies on <i>Rivinahumilis</i> L.	Journal of Shanghai Jiaotong University. 1007-1172. <b>IF:6.2</b>	2020	16 (11):134-147.
98	Antioxidant activity of <i>Litsea floribunda</i> leaf.	Aegaeum journal. 0776-3808 <b>IF:6.1</b>	2020	8 (11):264-273.
99	Phytochemical and flurescence analysis on <i>Litsea floribunda</i> .	Pramanajr. 2249-2976 <b>IF:6.2</b>	2020	9 (9):82-89.
100	Anti-microbial activity of ethanol and hexane extract of <i>Litsea floribunda</i> leaf (blume) gamble	Infokara Research. 1021-9056. <b>IF:5.3</b>	2020	9 (11):96-105.
101	Evaluation of wound healing activity of the methanolic extract on <i>Riveahypocrateriformis</i> (desr.) choisy.	GIS Science journal. 1869-9391 <b>IF:6.1</b>	2020	8 (1):750-761.
102	Pharmacognostic studies on <i>Phoebe wightii</i> .	Infokara Research. 1021-9056. <b>IF:5.3</b>	2021	10 (2):122-129.
103	Histopathological studies on <i>Rivea hypocrateriformis</i> (desr.) choisy.	Strad Research. 0039-2049 <b>IF:3.7</b>	2021	8 (4):177-188
104	Evaluation of Analgesic Activity of the Methanol Extract of <i>Phoebe wightii</i> by hot plate method in rat	Gis Science journal 1869-9391 <b>IF:6.1</b>	2021	8 (4):1388-1394.
105	Phytochemical and FTIR Spectroscopy Analysis of <i>Rivea hypocrateriformis</i> .	Journal of Xi'an University of Architecture & Technology. 1006-7930. <b>IF:3.7</b>	2021	8 (5): 72-85
106	Gc-ms analysis of bioactive compounds in <i>Caulerpa verticillata</i> .	Proceedings of National Conference on Future trends in Marine Biotechnology (FTMBT) / 14th &15th February 2019. <b>81-86660-32-1</b>	2021	193-197

107.	Assessment of aquatic Macrophytes in Dakkarkulam, Kanyakumari district, Tamil Nadu, South India	INFOKARA RESEARCH 1021-9056. <b>IF:5.3</b>	2021	10(5):480-197
108.	GC-MS Analysis of Bioactive Compounds on <i>Rivea hypocrateriformis</i> (Desr.) Choisy.	Pramana Research Journal. 2249-2976 <b>IF:6.2</b>	2021	11(5):59-65
109	Survey of Monocots in Vadakkankulam Panchayath, Tirunelveli District, Tamil Nadu, South India.	Strad Research 0039-2049 <b>IF:3.7</b>	2021	8(5):361-377
110	Survey of poisonous plants in Karumpatoor Panchayath, Kanyakumari District, Tamil Nadu.	Gis science journal 1869-9391 <b>IF:6.1</b>	2021	8(5):772-790
111	Survey of latex plants in Valvachagostam Panchayath, Kanyakumari District, Tamil Nadu, South India.	Science, Technology and Development 0950-0707 <b>IF:6.1</b>	2021	10(5):262-283
112	An assessment of phytosociological diversity of north Anjukudieruppu, Kanniyakumari district, Tamil Nadu, South India	International Journal of Botany Studies. <b>2455-541X</b> <b>IF:5.12</b>	2021	6(4):820-829.
113	Survey of Invasive Alien Flora in Kattathurai Panchayat, Kanyakumari District, Tamil Nadu, India	Indian Journal of Natural Sciences. 0976 – 0997 <b>IF:4.5</b>	2021	<b>12(69):36711-36718.</b>
114.	GC MS analysis of bioactive compounds in the leaves of methanolic extract of <i>Eclipta prostrata</i> L.	Gis science journal. 1869-9391 <b>IF:6.1</b>	2021	8(7):2146-2149.
115	Pharmacognostic properties of <i>Rivina humilis</i> L	International Journal of Botany Studies <b>IF:5.1</b>	2021	6(6): <b>1576-1582</b>
116	GC-MS/FTIR screening of <i>Rivina humilis</i> fruit in ethanol extract	International Journal of Botany Studies. <b>IF:5.1</b>	2021	<b>6(6):1270-1275.</b>
117.	Air Pollution tolerance Index (APTI) of selected plants growing around Stone Cutting Workshops in Vazhukamparai, Kanyakumari District, Tamil Nadu, and India.	Indian Journal of Natural Sciences 0976 – 0997 <b>IF:1.265</b>	2022	13(71): 39953-39961
118	Facile synthesis of Zinc oxide nanoparticle using algal extract and their antibacterial potential.	Biomass Conversion and Biorefinery <b>SPRINGER</b> <b>4.103</b>	2022	<a href="http://doi.org/10.1007/s13399-022-03275-6">http://doi.org/10.1007/s13399-022-03275-6</a>
119	A summary of the uses of microbial cell culture	International journal of food and nutritional science. 2319-1775	2022	11 (3): 604-612
120	Current innovation in the production of biofuels from lignocellulose biomass as a renewable energy.	International journal of food and nutritional science. 2319-1775	2022	11(3):576-588

121	Compendium of wild edibles from Chenbagaramanputhoor panchayath, Kanyakumary district.	Journal of xi'an shiyou university. 1673-064X <b>IF 5.6</b>	2022	18(11):412-431
121	Documentation of Islamic Ethnobotanical Knowledge among the people of Cumbummedu, Theni District, Tamil Nadu, India.	Mukt Shabd Journal. 2347-3150	2022	11(12):778-789.
122	A review article of general character and chemical constituents of <i>Calophyllum inophyllum</i>	Mukt Shabd Journal. 2347-3150	2022	11(12):729-733
123	Evaluation of free radical scavenging activity on <i>RIVEA HYPOCRATERIFORMIS</i> (Desr.) Choisy.	GIS SCIENCE JOURNAL. 1869-9391 <b>IF 6.1</b>	2022	9(12): 864-873
124	Quantification of antioxidants and its enzymatic activity on <i>Rivea hypocrateriformis</i> (Desr.)choisy.	Journal For Basic Sciences. 1006-8341	2022	22(12): 482-496.
125	Fabrication of silver nanoparticle using aqueous leaf extract of <i>Talinum portulacifolium</i> and its Antimicrobial activities	Journal of Advanced Zoology (0253-7214)	2023	44 (S-5): 361:369

Papers Presented in Conference :55

No	Venue	Date	Presentation Topic
1.	Nirmala College for Women, Kovai	7 -8 <sup>th</sup> Oct 2010	Impacts of Climate Change on Agriculture
2.	Kariavattam University, Trivandrum	29 – 31 <sup>st</sup> May 2011	Antibacterial activity on <i>Ricinus communis L.</i>
3.	Queen's Mary College, Chennai	7 – 9 <sup>th</sup> Jul 2011	Mosquito Borne Diseases – a deadly Messengers
4.	Karunya University, Kovai	14 – 15 <sup>th</sup> Oct 2011	Psoriasis – an overview
5.	Kariavattam University, Kerala	9 – 11 <sup>th</sup> Dec 2011	Phytoplankton Diversity of Wetland of Colachel Estuary
6.	Karunya University, Kovai	14 – 15 <sup>th</sup> Oct 2012	Idol Immersion and its Impact on Phytoplankton Diversity
7.	SCAD Engineering College, Tirunelveli.	24 <sup>th</sup> sep 2016	Pharmacognosy and its Future
8.	AIMST UNIVERSITY, <b>MALAYSIA</b>	21-23 <sup>rd</sup> September 2018	Effects of water pollution on on <i>Ruellia tuberosa</i>
9.	Jawaharlal Nehru University, New Delhi	11-13 <sup>th</sup> January, 2019	Effects of water pollution on <i>Hydrilla verticillata</i>

10.	Mother Teresa University, Kodaikanal.	25 <sup>th</sup> January 2019	Screening of pathogenic microorganisms from marine fishes.	
11.	M. K. University, Madurai	25 <sup>th</sup> Feb 2019	FTIR analysis of <i>Rivina humilis</i> leaf	
12.	S. T. Hindu College, Nageroil	24 <sup>th</sup> and 25 <sup>th</sup> , 2023	Aquatic diversity in paddy field of Chunkandai.	
13.	NKR Govt. College, Nammakal	23 <sup>rd</sup> September	Survey of weeds in Aloor Panchayath.	
14.	Nesamony Memorial College, Marthandam	11 <sup>th</sup> Sep 2009	Women Empowerment through self-help groups	
15.	S.T. Hindu College, Nagercoil-2.	7 – 8 <sup>th</sup> Aug 2009	Women's Health-Obesity	
16.	Women's Christian College, Nagercoil	Sep 17 <sup>th</sup> 2009	Entrepreneurial Personality	
17.	H.H. The Rajah's College, Pudukkottai	Sep 18 <sup>th</sup> 2009	Ethics in Agriculture	
18.	Nesamony Memorial College, Marthandam	October 2 <sup>nd</sup> 2009	Agri Plan for India and food security in India	
19.	St. Mary's College, Tuticorin	11 <sup>th</sup> & 12 <sup>th</sup> December, 2010	Post tsunami changes observed in Colachel estuary	
20.	C.N. College, Erode	22 <sup>nd</sup> & 23 <sup>rd</sup> Jan 2010	Antimicrobial activity in <i>Lantana camera L.</i>	
21.	N.S.S. College for Women, Trivandrum	16 <sup>th</sup> – 17 <sup>th</sup> Sep 2010	Larvicidal effect of selected plant leaves against Anopheles mosquito	
22.	St. Joseph's college, Trichy.	5 & 6 <sup>th</sup> March 2010	Global warming and its impact on plankton diversity.	
23.	Bharathiyar university, Trichy.	25 & 26 <sup>th</sup> March 2010	Managing mangrove for resilience to climate change	
24.	Women's Christian college, Nagercoil.	9 & 10 <sup>th</sup> October 2010	Plankton diversity in selected two ponds.	
25.	PSGR Krishnammal College for Women	11 <sup>th</sup> – 12 <sup>th</sup> Jan 2011	Water Quality Assessment in open wells in and around Friday Market	
26.	KN College, Tanjur.	14 & 15 <sup>th</sup> Dec 2011	Effects of vim liquid wash on <i>Vigna 11adiate.</i>	
27.	S.T. Hindu College, Nagercoil	30 – 31 March	Phytoplankton Diversity in Colachel	

		2011	Estuary
28.	Bharathidasan University, Trichy	26 – 27 March 2011	Women's Role in Climate Change and Adaptation
29.	Rani Anna Govt. College, Tirunelveli	22 – 23 July 2011	A floristic Study of Proximity area of (Wetland) Colachel Estuary
30.	S.T. Hindu College, Nagercoil	3,4 <sup>th</sup> Oct, 2011	Impacts of Climate Change – Threatens to Human Health
31.	Karunya University, Kovai	12 – 13 <sup>th</sup> Oct 2011	Impacts of Climate Change on Crops
32.	S. N. College, Punalur	12 – 13 <sup>th</sup> March 2012	Accumulation of Heavy Metals in Sediment of Colachel Estuary
33.	Kongu Nadu Arts and Science College, Kovai	15 – 16 <sup>th</sup> Dec 2012	Seasonal Variations in Phytoplankton Diversity of Thoothur Area
34.	S. T. Hindu college, Nagercoil.	14 <sup>th</sup> August 2012	-
35.	GVN College, Kovilpatti.	22&23 <sup>th</sup> Feb 2013	Effects of vermicompost on <i>Vigna 12adiate</i> .
36.	Govt. Ayurvedic college, Trivandrum	14 <sup>th</sup> & 15 <sup>th</sup> Jan 2016	Scope of pharmaco- gony
37.	M. D.T. Hindu college, Tirunelveli.	3 <sup>rd</sup> and 4 <sup>th</sup> March 2016	Seaweed cultivation- sea grass.
38.	Rani Anna college, Tirunelveli.	4 <sup>th</sup> January, 2017.	Diversity and Their Seasonal Appearance on the ancient Walls
39.	Nehru college, Trichy.	17 <sup>th</sup> Sep, 2016.	Survey of Aquatic Macrophytes diversity in Oomayan pond
40.	J.B. A.S.College, Chennai.	23 <sup>th</sup> Feb	Ecology and diversity of diatoms in paddy field of <i>chunkankadai</i> ,
41.	St. Xavier's College Palayamkottai	1 <sup>st</sup> March, 2017.	Survey of trees and shrubs in marungoor
42.	Sivaram Foundation, Bangalore	18 <sup>th</sup> July 2018	GC MS analysis on <i>Rivina humilis</i>
43.	Pachayappas college Chennai.	27 <sup>th</sup> Feb 2018	Morpho anatomical studies on <i>Vitex negundo</i> L.

44.	Dayananda sagar University, Bangalore	15th and 16th November , 2018	Effect of soil pollution on <i>Ruellia tuberosa</i>
45.	XIME, Kochin	10th February 2018	Air pollution tolerance index
46.	PMT College, Melasankaran kovil	9 <sup>TH</sup> January 2019	Effect of physico-chemical parameters on species.
47.	Vivekananda Kendra, Kanyakumari.	14th FEB, 2019	Gc-MS analysis of bioactive compounds in <i>Caulerpa verticillata</i> J.Agardh.
48.	RANI Anna College, Tirunelveli	8 <sup>th</sup> MARCH 2019	Environmental degradation and health issues
49.	Kerala university, Kariavattam.	14th March 2019	Physico-chemical analysis of coastal water of Colachel estuary.
50.	Holy cross college, Nagercoil	27 <sup>th</sup> July 2019	Phytochemical screening and fluorescence analysis of methanolic flower extracts of <i>Ruellia tuberosa</i> L.
51.	Mother Teresa University, Kodaikanal.	25 <sup>th</sup> January 2019	Screening of pathogenic microorganisms from marine fishes.
52.	Justice Ahamed Syeed College, Madras.	8 <sup>th</sup> March 2023(online)	Survey of wild edible plants of Chenbagaramanputhoor.
53.	NKR Govt. College, Nammakal	23 <sup>rd</sup> September, 2023	Survey of weeds in Aloor Panchayath.
54.	S. T. Hindu College, Nagercoil.	24 <sup>th</sup> & 25 <sup>th</sup> August 2023	Phytoplankton diversity in paddy field of Chunkankadai.
55.	Brahmanand PG College, Kanpur, Uttar Pradesh.	19 <sup>th</sup> to 21 <sup>st</sup> January 2024	NEP 2020: issues and challenges.

## Books Authored/Book Volume : Chapters-09

Year	Books authored (Complete Book/ Chapter Edited book/ Research Paper in Book)	Authorship (Sole Author/ Co-author/ Editor/ Co-Editor/ any other)	Title of Book Manuscript/ Journals	Details of Published (National/ International/ Foreign)	ISBN/ ISSN No.
2016	Complete book	Sole author	Green Treasure of S.T. Hindu College, Nagercoil	National	-
2018	Complete book	Sole author	Impact of pollution on <i>R.tuberosa</i> and <i>Hydrilla verticillata</i>	National	978-93-88008-48-8
2019	Chapter in edited book	Any other	Women Empowerment	National	981-908006-7-9.
2020	Complete book	Sole author	A Hand Book of Flowering plants.	National	978-81-923165-7-4
2020	Chapter in edited book	Any other	Conservation of ecosystem.	National	978-93-85957-
2021	Chapter in edited book	Any other	Teacher, Teaching and Teacher Education.	National	978-93-90611-39-3.
2022	Chapter in edited book	Any other	National education policy 2020: Concerns and Challenges.	National	978-93-90608-63-8
2022	Complete book	Any other	Fundamentals of Botany	National	978-93-95936-56-9
2023	Complete book	Any other	Research methodology	National	978-93-84737-43-6
2023	Complete book	Sole author	Molecular biology	National	978-93-86739-86-5

No.ofConferencesOrganised :

Sl. No.	Name of the Program	Title of the Program	Period	Role
1.	National seminar, S.T. Hindu College, Nagercoil.	Biodiversity present scenario -a	07.03.2015	Organizing secretary

2.	International Conference S.T. Hindu College, Nagercoil.	Eco-Restoration for Natural Resource Management (ICER-NaRM-2023)	24th and 25th of August, 2023	Co-Organizing secretary
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Research Guidance

: 5 AWARDED;4 ONGOING

Sl. No.	Scholars Name	Date of Joining	Name of University	Title of Thesis	Status	Date of Viva -voce
1.	J.L. LEKSHMI	10.01.2018	M.S. University	Effect of biofertilizers on growth of selected medicinal plants of Tamilnadu.	<b>Awarded</b>	09.04.2021
2.	A. KAVITHA	10.08.2017	M.S. University	Phytochemical studies on <i>Rivina humilis</i>	<b>Awarded</b>	25.03.2022
3.	J. ANGEL LINCY	22.12.2018	M.S. University	Phytochemical studies on <i>Litsea floribunda</i>	<b>Awarded</b>	25.03.2022
4.	M.DEVIKA	05.07.2018	M.S. University	Phytochemical studies on <i>Phobe wightii</i> .	<b>Awarded</b>	26.05.2023
5.	S. ISWARYA	09.03.2020	M.S. University	Phytochemical studies on <i>Rivea hypocrateriformis</i>	<b>Awarded</b>	03.11.2023
6.	N.MUKESHBABU	25.01.2022	M.S. University	Phytochemical studies on <i>Stylosanthes hamata</i>	On going	-
7.	GAYATHRI DEVI S	2022 April	M.S. University	Bioprospecting of <i>Justicia simplex</i> .	On going	-
8	S.ANUSHA	27.05.2022	M.S. University	Bioactive components from <i>Torenia crustaceae</i> and their biological potentials	On going	-
9	R.L.RESHMA	08.05.2023	M.S. University	Bioactive components from <i>Lepidagathis barberri</i> and their biological potentials	On going	-

Research Projects

: Nil

Awards & Distinctions

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Year	Name of the Award	Description	International/ Central/ State Govt./ Local bodies	Agency
2016	Best Poster	-	Local bodies	Garden city university, Bangalore.
2017	Best Researcher faculty	-	Local bodies	Nanjil catholic college, Kaliyakkavilai.
2017	Young women scientist	-	Local bodies	PEARL Foundation, Madurai.
2018	Outstanding faculty	-	International	AIMST University, <b>MALAYSIA.</b>
2019	Best oral presentation	-	Local bodies	CMST, M.S. UNIVERSITY.
2019	Best Oral Presentation	-	Local bodies	N.I Arts and Science College. Kumarakovil.
2018	Outstanding faculty	-	International	AIMST University, <b>MALAYSIA.</b>
2019	Best oral presentation	-	Local bodies	CMST, M.S. UNIVERSITY.
2020	Best Research paper	-	Local bodies	Kongu Nadu arts and science college, Kovai.
2021	Best Research paper	-	Local bodies	Kongu Nadu arts and science college, Kovai.
2023	Best Oral Presentation	-	Local bodies	Dept of Botany, JBAS college for women, Chennai.
2023	Senior scientist award	-	Local bodies	Society for Advancement of biological science, Bangalore

Administrative Assignments Handled: nil

Association with Professional Bodies :

- ❖ Society of Innovative Researchers and Academicians (SIRA) Kottayam District, Kerala, Membership No. is 12/2018/145.
- ❖ Indian Science Congress Association, Kolkata. Membership No: L37200/ 2018
- ❖ Society for Biotechnologists, India. Membership No: L943/2018.

- ❖ Environment and social development association, New delhi -L: 267.
- ❖ Society for Advancement of biological science, Bangalore

AnyotherAchievements :

1. Contribution in **Botanical audit and naming the plant species** around the campus of St. Xavier's catholic college of Engineering, Chunkankadai (04.07.2017).
2. Served as a **subject expert** in the selection committee for the post of Botany teacher at Kendra vidyalaya School, Konam, Nagercoil during the year 2014.
3. Won the **first prize in essay competition** conducted for the college faculties of S.T. Hindu College, Nagercoil. Titles (1) Contemporary scenario of higher education (during 2012) and (2) Problems of higher education in Tamilnadu (during 2013).
4. Act as **chief guest** on 3<sup>rd</sup> September 2019 at St. Joseph Girls Hr. Sec. School, Sathankulam.
5. **Gene sequences deposited in the world gene bank-** Gen bank accession number-ON698673, Sequence of *Heliotropium crispum* has been sequenced and submitted in NCBI-2022.
7. Served as **chief guest** for the valedictory meeting of the PG club of the Botany department held on 13<sup>th</sup> May 2022.
9. Served as a **member in Staff Selection Committee Board** to set Question and Valuation on 13.07.2022 at Holy Cross College, Nagercoil
11. Served as s **subject expert** to conduct an interview for staff selection at Holy Cross College, Nagercoil on 23.09.2022.
12. Served as a **doctoral committee member** for the Ph.D. scholar Mr. Zepinth H. Williams (Reg.no: 2221316226102), Scott Christian college, Nagercoil on 02.12.2022.
13. Act as a **Resource Person** and delivered a topic on Impact of climate change on agricultural crops at Jana Unnayan Samiti Tripura (JUST), Agartala on 21.11.2023.
- 14.Served as a **doctoral committee member** for the Ph.D. scholar S. Lourdu Pouline at St. Xavier's College, Palayamkottai on 23.01.2024.
- 15.Served as a **doctoral committee member** for the Ph.D. scholar Mr. Sujil Victor S, at Scott Christian College, Nagercoil on 31.01.2024
16. Served as s **subject expert** to conduct an interview for staff selection at Women's Christian College, Nagercoil on 13.03.2024.
- 17.Served as s **subject expert** to conduct an interview for staff selection at Nesamony Memorial Christian College, Marthandam on 15.03.2024.

#### Patent details

S.NO	TITLE OF THE INVENTIONS	PATENT NUMBER	YEAR	STATUS
1.	Biosynthesized Zinc Oxide Nano particles as an anti- cancer agent	202241033640	2022( <b>first position</b> )	Publication Date : 17/06/2022
2.	Toxicity of Bio metallic (iron & silver) green nanoparticles on mosquito	202241042346 A	2022 ( <b>Third position</b> )	Publication Date : 29/07/2022

	Larvae.			
3.	Development of anti-viral drug using Saikosaponins against COVID- 19.	202241028448	2022( <b>fifth position</b> )	Publication Date : 27/05/2022
4	Artificial intelligence and IOT based smart agriculture management system for efficient irrigation and crop monitoring using machine learning algorithms	202211060793 A	2022 ( <b>fifth position</b> )	Publication Date :28/10/2022
5.	Photosynthetic street lamps powered by Algae	384440001	2023 ( <b>fourth position</b> )	Publication Date :20/04/2023